


**INFORMATION DISCLOSURE  
STATEMENT**

Docket: P0252	Ser. No. 09/916,207
Applicant: Geoffrey B. Rhoads	
Filed: July 25, 2001	Group: 2621

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US Patent Documents				
Ex'r Initial	Number	Date	Inventor	Class
	2630525	Mar., 1953	Tomberlin et al.	250/6
	3406344	Oct., 1968	Hopper	375/270
	3493674	Feb., 1970	Houghton	178/6
	3562420	Feb., 1971	Thompson	178/6
	3569619	Mar., 1971	Simjian	178/6
	3576369	Apr., 1971	Wick et al.	358/143
	3585290	Jun., 1971	Sanford	178/5
	3655162	Apr., 1972	Yamamoto et al.	380/23
	3703628	Nov., 1972	Philipson, Jr.	360/60
	3805238	Apr., 1974	Rothfjell	375/1
	3809806	May., 1974	Walker et al.	364/521
	3838444	Sep., 1974	Loughlin et al.	178/5
	3845391	Oct., 1974	Crosby	325/64
	3914877	Oct., 1975	Hines	35/2
	3922074	Nov., 1975	Ikegami et al.	341/51
	3971917	Jul., 1976	Maddox et al.	375/1
	3977785	Aug., 1976	Harris	340/78
	3982064	Sep., 1976	Barnaby	178/5
	3984624	Oct., 1976	Waggener	178/5
	4025851	May., 1977	Haselwood et al.	325/31
	4184700	Jan., 1980	Greenaway	382/56
	4225967	Sep., 1980	Miwa et al.	455/68
	4230990	Oct., 1980	Lert, Jr. et al.	455/67
	4231113	Oct., 1980	Blasbalg	455/29
	4237484	Dec., 1980	Brown et al.	358/142
	4238849	Dec., 1980	Gassmann	370/11
	4252995	Feb., 1981	Schmidt et al.	179/1
	4262329	Apr., 1981	Bright et al.	348/6
	4313197	Jan., 1982	Maxemchuk	370/11
	4367488	Jan., 1983	Leventer et al.	358/147
	4379947	Apr., 1983	Warner	179/160
	4380027	Apr., 1983	Leventer et al.	358/147
	4389671	Jun., 1983	Posner et al.	358/124
	4395600	Jul., 1983	Lundy et al.	375/1
	4416001	Nov., 1983	Ackerman	375/1
	4423415	Dec., 1983	Goldman	375/1
	4425642	Jan., 1984	Moses et al.	370/76

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Patent & Trademark Office	4425661	Jan., 1984	Moses et al.	370/76
	4476468	Oct., 1984	Goldman	367/43
	4495620	Jan., 1985	Steele et al.	370/118
	4528588	Jul., 1985	Lofberg	358/122
	4532508	Jul., 1985	Ruell	358/122
	4547804	Oct., 1985	Greenberg	358/142
	4553261	Nov., 1985	Froessl	382/57
	4590366	May., 1986	Rothfjell	358/122
	4595950	Jun., 1986	Lofberg	358/122
	4637051	Jan., 1987	Clark	382/1
	4639779	Jan., 1987	Greenberg	358/142
	4644582	Feb., 1987	Morishita et al.	382/6
	4647974	Mar., 1987	Butler	358/185
	4654867	Mar., 1987	Labeledz et al.	360/60
	4660221	Apr., 1987	Drugos	358/142
	4663518	May., 1987	Borrer et al.	380/3
	4665431	May., 1987	Cooper	358/145
	4672605	Jun., 1987	Hustig et al.	370/76
	4675746	Jun., 1987	Tetrick et al.	375/125
	4677435	Jun., 1987	Cause D'Agraives et al.	358/142
	4677466	Jun., 1987	Lert, Jr. et al.	358/84
	4682794	Jul., 1987	Margolin	375/1
	4697209	Sep., 1987	Kiewit et al.	384/84
	4703476	Oct., 1987	Howard	370/76
	4712103	Dec., 1987	Gotanda	360/31
	4718106	Jan., 1988	Weinblatt	455/2
	4739377	Apr., 1988	Allen	358/133
	4750173	Jun., 1988	Bluthgen	370/111
	4765656	Aug., 1988	Becker et al.	380/3
	4775901	Oct., 1988	Nakano	360/60
	4776013	Oct., 1988	Kafri et al.	382/54
	4805020	Feb., 1989	Greenberg	358/147
	4807031	Feb., 1989	Broughton et al.	358/142
	4811357	Mar., 1989	Betts et al.	375/1
	4811408	Mar., 1989	Goldman	395/2
	4820912	Apr., 1989	Samyn	382/56
	4835517	May., 1989	van der Gracht et al.	340/310
	4855827	Aug., 1989	Best	358/143
	4864618	Sep., 1989	Wright et al.	375/1
	4866771	Sep., 1989	Bain	380/23

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4874936	Oct., 1989	Chandler et al.	358/142
4876617	Oct., 1989	Best et al.	360/60
4879747	Nov., 1989	Leighton et al.	358/438
4884139	Nov., 1989	Pommier	358/142
4885632	Dec., 1989	Mabey et al.	380/23
4903301	Feb., 1990	Kondo et al.	375/1
4908836	Mar., 1990	Rushforth et al.	375/1
4908873	Mar., 1990	Philibert et al.	382/56
4918484	Apr., 1990	Ujiiie et al.	358/142
4920503	Apr., 1990	Cook	364/521
4921278	May., 1990	Shiang et al.	235/494
4939515	Jul., 1990	Adelson	341/51
4941150	Jul., 1990	Iwasaki	375/1
4943973	Jul., 1990	Werner	375/1
4943976	Jul., 1990	Ishigaki	375/1
4944036	Jul., 1990	Hyatt	367/43
4963998	Oct., 1990	Maufe	360/60
4965827	Oct., 1990	McDonald	380/20
4967273	Oct., 1990	Greenberg	358/142
4969041	Nov., 1990	O'Grady et al.	358/142
4972471	Nov., 1990	Gross et al.	380/3
4972475	Nov., 1990	Sant'Anselmo	358/147
4972476	Nov., 1990	Nathans	348/476
4979210	Dec., 1990	Nagata et al.	380/3
4993068	Feb., 1991	Piosenka	380/54
4996530	Feb., 1991	Hilton	380/30
5003590	Mar., 1991	Lechner	382/54
5010405	Apr., 1991	Schreiber et al.	358/141
5027401	Jun., 1991	Soltesz	380/54
5034982	Jul., 1991	Heninger et al.	380/3
5036513	Jul., 1991	Greenblatt	370/125
5063446	Nov., 1991	Gibson	358/142
5073899	Dec., 1991	Collier et al.	375/1
5073925	Dec., 1991	Nagata et al.	370/111
5075773	Dec., 1991	Pullen et al.	358/141
5077608	Dec., 1991	Dubner	382/23
5077795	Dec., 1991	Rourke et al.	348/473
5079648	Jan., 1992	Maufe	360/31
5083224	Jan., 1992	Hoogendoorn et al.	360/60
5091966	Feb., 1992	Bloomberg et al.	358/153

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5095196	Mar., 1992	Miyata	360/27
5103459	Apr., 1992	Gilhousen et al.	375/1
5113437	May., 1992	Best et al.	380/3
5128525	Jul., 1992	Stearns et al.	455/2
5134496	Jul., 1992	Schwab et al.	358/335
5144660	Sep., 1992	Rose	380/54
5146457	Sep., 1992	Veldhuis et al.	370/111
5148498	Sep., 1992	Resnikoff et al.	382/54
5150409	Sep., 1992	Elsner	380/18
5161210	Nov., 1992	Druyvesteyn et al.	395/2
5166676	Nov., 1992	Milheiser	348/476
5168147	Dec., 1992	Bloomberg	360/31
5181786	Jan., 1993	Hujink	380/54
5185736	Feb., 1993	Tyrrell et al.	380/30
5199081	Mar., 1993	Saito et al.	382/2
5200822	Apr., 1993	Bronfin et al.	358/142
5212551	May., 1993	Conanan	358/143
5213337	May., 1993	Sherman	273/439
5228056	Jul., 1993	Schilling	375/1
5243411	Sep., 1993	Shirochi et al.	348/460
5243423	Sep., 1993	DeJean et al.	358/142
5245165	Sep., 1993	Zhang	370/76
5245329	Sep., 1993	Gokcebay	348/473
5247364	Sep., 1993	Banker et al.	358/191
5253078	Oct., 1993	Balkanski et al.	360/27
5257119	Oct., 1993	Funada et al.	358/438
5259025	Nov., 1993	Monroe	380/23
5267334	Nov., 1993	Normille et al.	380/54
5278400	Jan., 1994	Appel	235/494
5280537	Jan., 1994	Sugiyama et al.	375/1
5293399	Mar., 1994	Hefti	380/18
5295203	Mar., 1994	Krause et al.	382/56
5299019	Mar., 1994	Pack et al.	375/200
5305400	Apr., 1994	Butera	382/56
5315098	May, 1994	Tow	235/494
5315448	May, 1994	Ryan	360/60
5319453	Jun., 1994	Copriviza	348/6
5319724	Jun., 1994	Blonstein et al.	382/56
5319735	Jun., 1994	Preuss et al.	395/2.14
5325167	Jun., 1994	Melen	356/71

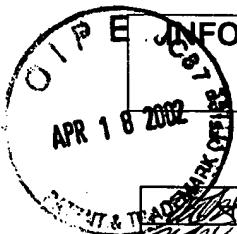
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5327237	Jul., 1994	Gerdes et al.	348/476
5337361	Aug., 1994	Wang et al.	380/51
5337362	Aug., 1994	Gormish et al.	380/54
5349655	Sep., 1994	Mann	358/142
5351302	Sep., 1994	Leighton et al.	380/30
5371792	Dec., 1994	Asai et al.	375/125
5374976	Dec., 1994	Spannenburg	355/201
5379345	Jan., 1995	Greenberg	380/23
5387941	Feb., 1995	Montgomery et al.	348/473
5394274	Feb., 1995	Kahn	360/27
5396559	Mar., 1995	McGrew	380/54
5398283	Mar., 1995	Virga	380/18
5404160	Apr., 1995	Schober et al.	348/1
5404377	Apr., 1995	Moses	375/200
5408542	Apr., 1995	Callahan	380/5
5410598	Apr., 1995	Shear	380/4
5418853	May, 1995	Kanota et al.	380/5
5422963	Jun., 1995	Chen et al.	348/473
5422995	Jun., 1995	Aoki et al.	348/473
5425100	Jun., 1995	Thomas et al.	380/20
5428606	Jun., 1995	Moskowitz	370/60
5428607	Jun., 1995	Hiller et al.	348/473
5432542	Jul., 1995	Thibadeau et al.	348/6
5432870	Jul., 1995	Schwartz	370/60
5436653	Jul., 1995	Ellis et al.	348/2
5444779	Aug., 1995	Daniele	380/3
5446273	Aug., 1995	Leslie	235/487
5446488	Aug., 1995	Vogel	348/460
5449895	Sep., 1995	Hecht et al.	235/494
5450122	Sep., 1995	Keene	340/1
5450490	Sep., 1995	Jensen et al.	380/6
5453968	Sep., 1995	Veldhuis et al.	369/84
5461426	Oct., 1995	Limberg et al.	348/475
5469506	Nov., 1995	Berson et al.	348/460
5473631	Dec., 1995	Moses	375/202
5479168	Dec., 1995	Johnson et al.	341/110
5481294	Jan., 1996	Thomas et al.	348/1
5488664	Jan., 1996	Shamir	348/432
5499294	Mar., 1996	Friedman	380/10
5500856	Mar., 1996	Nagase et al.	370/68

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5510900	Apr., 1996	Shirochi et al.	358/335
5513011	Apr., 1996	Matsumoto et al.	358/341
5513260	Apr., 1996	Ryan	380/3
5515081	May., 1996	Vasilik	348/6
5521372	May, 1996	Hecht et al.	235/494
5524933	Jun., 1996	Kunt et al.	283/67
5526427	Jun., 1996	Thomas et al.	380/20
5530751	Jun., 1996	Morris	380/4
5530759	Jun., 1996	Braudaway et al.	380/54
5532853	Jun., 1996	Yamashita et al.	358/335
5532920	Jul., 1996	Hartrick et al.	382/238
5537216	Jul., 1996	Yamashita et al.	358/335
5537223	Jul., 1996	Curry	370/76
5539471	Jul., 1996	Myhrvold et al.	348/473
5539735	Jul., 1996	Moskowitz	370/60
5541662	Jul., 1996	Adams et al.	348/460
5541741	Jul., 1996	Suzuki	358/450
5544255	Aug., 1996	Smithies et al.	358/142
5548646	Aug., 1996	Aziz et al.	358/142
5557333	Sep., 1996	Jungo et al.	348/473
5559559	Sep., 1996	Jungo et al.	348/432
5568179	Oct., 1996	Diehl et al.	348/6
5568268	Oct. 1996	Tsuji et al.	358/296
5568570	Oct., 1996	Rabbani	382/238
5572010	Nov., 1996	Petrie	235/494
5572247	Nov., 1996	Montgomery	348/10
5574787	Nov., 1996	Ryan	380/5
5576532	Nov., 1996	Hecht	235/494
5579124	Nov., 1996	Aijala et al.	386/96
5581800	Dec., 1996	Fardeau et al.	455/2
5587743	Dec., 1996	Montgomery	348/473
5606609	Feb., 1997	Houser et al.	386/96
5612943	Mar., 1997	Moses et al.	369/124
5614940	Mar., 1997	Cobbley et al.	348/7
5617148	Apr., 1997	Montgomery	348/473
5627655	May, 1997	Okamoto et al.	386/94
5629980	May, 1997	Stefik et al.	380/4
5646997	Jul., 1997	Barton	380/23
5649054	Jul., 1997	Oomen et al.	395/2.38
5652626	Jul., 1997	Kawakami et al.	348/463

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5659726	Aug., 1997	Sandford, II et al.	395/612
5663766	Sep., 1997	Sizer, II	348/473
5671277	Sep., 1997	Ikenoue et al.	380/7
5689623	Nov., 1997	Pinard	395/106
5712920	Jan., 1998	Spille	381/104
5719984	Feb., 1998	Yamagata et al.	386/95
5721788	Feb., 1998	Powell et al.	382/100
5727092	Mar., 1998	Sandford, II et al.	382/251
5737025	Apr., 1998	Dougherty et al.	348/473
5739864	Apr., 1998	Copeland	348/473
5748763	May, 1998	Rhoads	382/115
5764763	Jun., 1998	Jensen et al.	380/6
5774452	Jun., 1998	Wolosewicz	370/212
5778102	Jul., 1998	Sandford, II et al.	382/251
5790932	Aug., 1998	Komaki et al.	399/366
5832119	Nov., 1998	Rhoads	382/232
5857038	Jan., 1999	Owada et al.	382/284
5907443	May, 1999	Hirata	360/60
5960151	Sep., 1999	Takahashi	386/94
5987127	Nov., 1999	Ikenoue et al.	380/7
5991500	Nov., 1999	Kanota et al.	386/94
6026193	Feb., 2000	Rhoads	382/232
6086706	Jul., 2000	Brassil et al.	156/277

## Foreign Patent Documents

058 482	Aug., 1982	EP	
366381 A2	Oct., 1989	EP	
372601	Jun., 1990	EP	
372 601	Jun., 1990	EP	
411232	Feb., 1991	EP	
418 964 A1	Mar., 1991	EP	
441 702	Aug., 1991	EP	
493 091	Jul., 1992	EP	
551 016	Jul., 1993	EP	
581 317	Feb., 1994	EP	
605 208	Jul., 1994	EP	
629 972	Dec., 1994	EP	
642 060	Apr., 1999	EP	
649 074	Apr., 1995	EP	
650 146	Apr., 1995	EP	

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651 554	May, 1995	EP	
705 025	Apr., 1996	EP	
2943436	May, 1981	DE	
3806411	Sep., 1989	DE	
4-248771	Sep., 1992	JP	
5-242217	Sep., 1993	JP	
2063018	May., 1981	GB	
2067871	Jul., 1981	GB	
2196167	Apr., 1988	GB	Technology Center 2600
2204984	Nov., 1988	GB	
WO 89/08915	Sep., 1989	WO	
WO 93/25038	Dec., 1993	WO	
WO 95/10835	Apr., 1995	WO	
WO 95/20291	Jul., 1995	WO	
WO 95/14289	May, 1995	WO	
WO 96/26494	Aug., 1996	WO	
WO 96/27259	Sep., 1996	WO	
WO 97/01411	Jan., 1997	WO	

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**Other References**

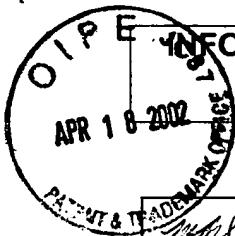
Ex'r Initial	Cite
<i>MBR</i>	Arachelian, "White Noise Storm," Apr. 11, 1994, Internet reference, 13 pages.
<i>MBR</i>	Arazi, et al., "Intuition, Perception, and Secure Communication," IEEE Transactions on Systems, Man, and Cybernetics, vol. 19, No. 5, Sep./Oct. 1989, pp. 1016-1020.
<i>MBR</i>	Arthur, "Digital Fingerprints Protect Artwork," New Scientist, Nov. 12, 1994, p. 24.
<i>MBR</i>	Bender et al., "Techniques for Data Hiding," Mass. Inst. of Tech. Media Lab., (10 pages) Jan. 1995 (published in Proc. of SPIE, Vol. 2420 pp. 164-173, Feb. 9, 1995).
<i>MBR</i>	Blankenhorn, D., "NAB--Cyphertech Starts Anti-Piracy Broadcast Tests," Newsbytes, NEW03230023, Mar. 23, 1994.
<i>MBR</i>	Boneh, "Collusion-Secure Fingerprinting for Digital Data," Department of Computer Science, Princeton University, 1995, 31 pages.
<i>MBR</i>	Brassil et al., Electronic Marking and Identification Techniques to Discourage Document Copying, Proceedings of INFOCOM '94 Conference on Computer, IEEE Commun. Soc Conference, Jun. 12-16, 1994, pp. 1278-1287.
<i>MBR</i>	Brown, "S-Tools for Windows, Version 1.00, .COPYRGT. 1994 Andy Brown, What is Steganography," Internet reference, Mar. 6, 1994, 6 pages.
<i>MBR</i>	Bruckstein, A.M.; Richardson, T.J., "A holographic transform domain image watermarking method," Circuits, Systems, and Signal Processing vol.17, no.3 p. 361-89, 1998. This paper includes an appendix containing an internal memo of Bell Labs, which according to the authors of the paper, was dated September 1994.

Examiner Signature:

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<i>[Signature]</i>	Bruyndonckx et al., "Spatial Method for Copyright Labeling of Digital Images," 1994, 6 pages.
<i>[Signature]</i>	Bruyndonckx et al., Neural Network Post-Processing of Coded Images Using Perceptual Masking, 1994, 3 pages.
<i>[Signature]</i>	Caronni, "Assuring Ownership Rights for Digital Images," Published in the Proceedings of 'Reliable IT Systems, VIS '95, HH. Bruggemann and W. Gerhardt-Hackl (Ed.), Vieweg Publishing Company, Germany, Jun. 14, 1994, 10 pages.
<i>[Signature]</i>	Choudhury, et al., "Copyright Protection for Electronic Publishing over Computer Networks," IEEE Network Magazine, Jun. 1994, 18 pages.
<i>[Signature]</i>	"Copyright Protection for Digital Images, Digital Fingerprinting from FBI," Highwater FBI brochure, 1995, 4 pages.
<i>[Signature]</i>	Cyphertech Systems, Inc., "Broadcast Monitoring Technology," Promotional Brochure, Nov. 1992 (4 pages).
<i>[Signature]</i>	"Cyphertech Systems: Introduces Digital Encoding Device to Prevent TV Piracy," Hollywood Reporter, Oct. 20, 1993, p. 23.
<i>[Signature]</i>	Dautzenberg, "Watermarking Images," Department of Microelectronics and Electrical Engineering, Trinity College Dublin, 47 pages, Oct. 1994.
<i>[Signature]</i>	de Castro et al., "Registration of Translated and Rotated Images Using Finite Fourier Transforms," IEEE Transactions on Pattern Analysis and Machine Intelligence, vol. PAMI-9, No. 5, Sep. 1987, pp. 700-703.
<i>[Signature]</i>	Delaigle et al., "A Psychovisual Approach for Digital Picture Watermarking," 1995, 20 pages.
<i>[Signature]</i>	Fitzgerald, "Invisible Digital Copyright ID," Editor & Publisher, Jun. 25, 1994, p. 62.
<i>[Signature]</i>	"Foiling Card Forgers With Magnetic 'Noise,'" Wall Street Journal, Feb. 8, 1994.
<i>[Signature]</i>	Franz et al., "Computer Based Steganography: How It Works and Why Therefore Any Restrictions on Cryptography are Nonsense, at Best," Information Hiding, First Int. Workshop Proc, May 30-June 1, 1996, pp. 7-21, (a counterpart was published in German by Steffen Moller et al in 1994).
<i>[Signature]</i>	Friedman, "The Trustworthy Digital Camera: Restoring Credibility to the Photographic Image," IEEE Transactions on Consumer Electronics, vol. 39, No. 4, Nov., 1993, pp. 905-910.
<i>[Signature]</i>	Gabor, et al., "Theory of Communication," J. Inst. Elect. Eng. 93, 1946, pp. 429-441.
<i>[Signature]</i>	GERZON et al., "A High Rate Buried Data Channel For Audio CD," Journal of the Audio Engineering Society, vol. 43 nos. 1-2 pp. 3-22, Jan./Feb. 1995.
<i>[Signature]</i>	Hecht, "Embedded Data Glyph Technology for Hardcopy Digital Documents," SPIE vol. 2171, Feb. 1994, pp. 341-352.
<i>[Signature]</i>	Humphrey, "Stamping Out Crime," Hollywood Reporter, Jan. 26, 1994, p. S48.
<i>[Signature]</i>	Jain, "Image Coding via a Nearest Neighbors Image Model," IEEE Transactions on Communications, vol. COM-23, No. 3, Mar. 1975, pp. 318-331.
<i>[Signature]</i>	Kassam, "Signal Detection in Non-Gaussian Noise," Dowden & Culver, 1988, pp. 1-96.

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Examiner Signature: <i>Matthew A. Smithers</i>	Date Considered: 6/15/04
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**INFORMATION DISCLOSURE  
STATEMENT**

Docket: P0252	Ser. No. 09/916,207
Applicant: Geoffrey B. Rhoads	
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<i>MBS</i>	Koch et al., "Copyright Protection for Multimedia Data," Proc. of the International Conference on Digital Media and Electronic Publishing, Dec. 6-8, 1994, Leeds, U.K., 15 pages.
<i>MBS</i>	Komatsu et al., "A Proposal on Digital Watermark in Document Image Communication and Its Application to Realizing a Signature," Electronics and Communications in Japan, Part 1, vol. 73, No. 5, 1990, pp. 22-33.
<i>MBS</i>	Komatsu et al., "Authentication System Using Concealed Image in Telematics," Memoirs of the School of Science & Engineering, Waseda Univ., No. 52, 1988, pp. 45-60.
<i>MBS</i>	Kurak et al., "A Cautionary Note On Image Downgrading," 1992 IEEE, pp. 153-159.
<i>MBS</i>	Machado, "Announcing Stego 1.0a2, The First Steganography Tool for the Macintosh," Internet reference, Nov. 28, 1993, 3 pages.
<i>MBS</i>	Matsui et al., "Video-Steganography: How to Secretly Embed a Signature in a Picture," IMA Intellectual Property Project Proceedings, Jan. 1994, vol. 1, Issue 1, pp. 187-205.
<i>MBS</i>	Matthews, "When Seeing is Not Believing," New Scientist, Oct. 16, 1993, pp. 13-15.
<i>MBS</i>	Moeller, et al., "Rechnergestutzte Steganographie: Wie sie Funktioniert und warum folglich jede Reglementierung von Verschlüsselung unsinnig ist," DuD, Datenschutz und Datensicherung, 18/6 (1994) 318-326.
<i>MBS</i>	"NAB--Cyphertech Starts Anti-Piracy Broadcast Tests," Newsbytes, NEW03230023, Mar. 23, 1994.
<i>MBS</i>	Nakamura et al., "A Unified Coding Method of Dithered Image and Text Data Using Micropatterns," Electronics and Communications in Japan, Part 1, vol. 72, No. 4, 1989, pp. 50-56.
<i>MBS</i>	Nakamura et al., "A Unified Coding Method of Image and Text Data Using Discrete Orthogonal Transform," Systems and Computers in Japan, vol. 21, No. 3, 1990, pp. 87-92.
<i>MBS</i>	OOMEN et al., "A Variable-Bit-Rate Buried Data Channel for Compact Disc," Journal of the Audio Engineering Soc., vol. 43 no. 1-2 pp. 23-28, Jan./Feb. 1995.
<i>MBS</i>	Pennebaker et al., JPEG Still Image Data Compression Standard, Chapter 3, "Aspects of the Human Visual System," pp. 23-27, 1993, Van Nostrand Reinhold, New York.
<i>MBS</i>	Pickholtz et al., "Theory of Spread-Spectrum Communications--A Tutorial," Transactions on Communications, vol. COM-30, No. 5, May, 1982, pp. 855-884.
<i>MBS</i>	Port, "Halting Highway Robbery on the Internet," Business Week, Oct. 17, 1994, p. 212.
<i>MBS</i>	Proudler, Graeme J., "Authentication and Display of Signatures on Electronic Documents," 2244 Research Disclosure, February, 1994, No. 358, Emsworth, GB, 1 page.
<i>MBS</i>	Quisquater, J., "Access Control and COpright Protection for Images WorkPackage 3: Evaluation of Existing Systems," Apr. 19, 1995, 68 pages.
<i>MBS</i>	Quisquater, J., "Access Control and COpright Protection for Images, WorkPackage 8: Watermarking," Jun. 30, 1995, 46 pages.

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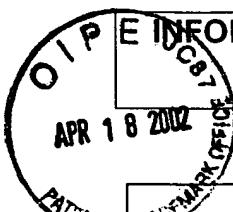
Quisquater, J., "Access Control and Copyright Protection for Images, Conditional Access and Copyright Protection Based on the Use of Trusted Third Parties," 1995, 43 pages.
Rindfrey, "Towards an Equitable System for Access Control and Copyright Protection in Broadcast Image Services: The Equicrypt Approach," Intellectual Property Rights and New Technologies, Proc. of the Conference, R. Oldenbourg Verlag Wien Munchen 1995, 12 pages.
Roberts, "Picture Coding Using Pseudorandom Noise," IRE Trans. on Information Theory, vol. 8, No. 2, Feb., 1962, pp. 145-154.
Sandford II, et al., "The Data Embedding Method," SPIE vol. 2615, Oct. 23, 1995, pp. 226-259.
Sapwater et al., "Electronic Copyright Protection," Photo>Electronic Imaging, vol. 37, No. 6, 1994, pp. 16-21.
Schneier, "Digital Signatures, Cryptographic Algorithms Can Create Nonforgeable Signatures for Electronic Documents, Making Them Valid Legal Instruments" BYTE, Nov. 1993, pp. 309-312.
Schreiber et al., "A Compatible High-Definition Television System Using the Noise-Margin Method of Hiding Enhancement Information," SMPTE Journal, Dec. 1989, pp. 873-879.
shaggy@phantom.com, "Hide and Seek v. 4.0," Internet reference, Apr. 10, 1994, 3 pages.
Sheng et al., "Experiments on Pattern Recognition Using Invariant Fourier-Mellin Descriptors," Journal of Optical Society of America, vol. 3, No. 6, Jun., 1986, pp. 771-776.
Short, "Steps Toward Unmasking Secure Communications," International Journal of Bifurcation and Chaos, vol. 4, No. 4, 1994, pp. 959-977.
Simmons, "Subliminal Channels; Past and Present," ETT, vol. 5, No. 4, Jul.-Aug. 1994, pp. 45-59.
Sklar, "A Structured Overview of Digital Communications - a Tutorial Review - Part I," IEEE Communications Magazine, August, 1983, pp. 1-17.
Sklar, "A Structured Overview of Digital Communications - a Tutorial Review - Part II," IEEE Communications Magazine, October, 1983, pp. 6-21.
Szepanski, "A Signal Theoretic Method for Creating Forgery-Proof Documents for Automatic Verification," Proceeding 1979 Carnahan Conference on Crime Countermeasures, May 16, 1979, pp. 101-109.
Szepanski, "Additive Binary Data Transmission for Video Signals," Conference of the Communications Engineering Society, 1980, NTG Technical Reports, volume 74, pp. 343-351.
Szepanski, "Binary Data Transmission Over Video Channels with Very Low Amplitude Data Signals," Fernseh- und Kino-Technik, Vol.32, No.7, July, 1978, pp. 251-256. (German text with full English translation.)
Szepanski, "Optimization of Add-On Signals by Means of a Modified Training Algorithm for Linear Classifiers," IEEE Int'l Symp. On Info. Theory, October 10, 1977, pp. 27-28.

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	Szepanski, "Compatibility Problems in Add-On Data Transmission for TV-Channels," 2d Symp. and Tech. Exh. On Electromagnetic Compatibility, June 28, 1977, pp. 263-268.
	Tanaka, "Embedding the Attribute Information Into a Dithered Image," Systems and Computers in Japan, vol. 21, No. 7, 1990, pp. 43-50.
	Tanaka et al., "Embedding Secret Information Into a Dithered Multi-Level Image," Proc. IEEE Military Comm. Conf., Sep. 1990, pp. 216-220.
	Tanaka et al., "New Integrated Coding Schemes for Computer-Aided Facsimile," Proc. IEEE Int'l Conf. on Sys. Integration, Apr. 1990, pp. 275-281.
	Tanaka et al., "A Visual Retrieval System with Private Information for Image Database," Proceeding International Conference on DSP Applications and Technology, Oct. 1991, 00. 415-421.
	Tirkel et al., "A Two-Dimensional Digital Watermark," 1995, 6 pages.
	Tirkel et al., "Electronic Water Mark," DICTA-93, Macquarie University, Sydney, Australia, Dec., 1993, pp. 666-673.
	Toga et al., "Registration Revisited," Journal of Neuroscience Methods, 48 (1993), pp. 1-13.
	Upham, D., JPEG Group's JPEG Software (release 4), <a href="ftp://csua.berekeley.edu/pub/cypherpunks/applications/jsteg/jpeg.announcement.gz">ftp://csua.berekeley.edu/pub/cypherpunks/applications/jsteg/jpeg.announcement.gz</a> , Jun. 7, 1993, 2 pages.
	van Schyndel et al., "A Digital Watermark," IEEE International Conference on Image Processing, Nov. 13-16, 1994, pp. 86-90.
	Wagner, "Fingerprinting," 1983 IEEE, pp. 18-22.
	Walton, "Image Authentication for a Slippery New Age," <u>Dr. Dobb's Journal</u> , pp. 18-26, 82-87, Apr. 1995.
	Wasserman, Broadcast Monitoring Technology by Cyphertech Systems Inc. (untitled speech transcript), <u>Worldwide Symp. on the Impact of Digital Tech. On Copyright &amp; Neighboring Rights</u> (Cambridge, MA), Apr. 2, 1993 (5 pages).
	Weber et al., "Correlative Image Registration," Seminars in Nuclear Medicine, vol. XXIV, No. 4 (Oct.), 1994, pp. 311-323.
	Wise, "The History of Copyright, Photographers' Rights Span Three Centuries," Photo>Electronic Imaging, vol. 37, No. 6, 1994.

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